

**YIELD OF POTATO EARLY MATURING VARIETIES IN THE
RIGHTBANK-STEPPE OF UKRAINE.**

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The results of a study on the sorts of early potatoes, features passing phenological phases of plants growth and development, yield to elder.

Potato, varieties, plant height, Pavlyuk, crop.

Overall growth and development of plants affected the beginning of the formation of tubers. Red varieties Scarlett and Volyumiya passed at the beginning of the respective phase first ten days of June, and the variety Haze (K), Latona, Bellarosa, Kar-Rera, Adora, Oriana, Sagit - in the middle of the first decade of June. In order to determine the effect of growth conditions on the growth and development of plant varieties was held biometric measurements.

It was established that in the phase of mass shoots were higher plant littering Bellarosa, Red Scarlet, Oriana, whose height is 6,0-6,1 cm (Fig.). Variety used for control, different high-below one - 4.8 cm, but during the flowering plant height was greater in grades Oriana, Sagit, Latona and Volyumiya, where the figure was within 59,1-63,3 cm.

It was found that an increase in plant height increased as the number of leaves. Varieties of potato plants in the flowering period the average for the 2011-2012. Reached 36,6-67,1 pieces./Rast. Nai more she was in grade Latona 67.1 pc./Rast., And less use of the control variety Haze - 36.6 pc. Rast. Leaf area of plants in the flowering period ne-most in grade Latona 47.0 thousand m^2/ha , compared to con troll possible to obtain an increase of 26.2 thousand. M^2/ha . This figure was less than the varieties and Oriana Volyumiya - 18.1 and 19.3 thousand m^2/ha .

An important indicator in determining the effectiveness of the potato varieties have productivity plants and yield per unit area. Of EC-have shown that

weather conditions and biological research, the CCA-of varieties have a significant impact on the value of the yield of potatoes in LisostepUkraine.

Found that the best varieties for steppes of Ukraine are early maturing varieties Carrera, Latona and Sahita that give the opportunity to get 12,5-14,9 t/ha crop.

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